



US011362920B2

(12) **United States Patent**
Dillon

(10) **Patent No.:** **US 11,362,920 B2**

(45) **Date of Patent:** **Jun. 14, 2022**

(54) **ENHANCED NETWORK COMMUNICATION
USING MULTIPLE NETWORK
CONNECTIONS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 12 days.

(21) Appl. No.: **16/900,063**

(22) Filed: **Jun. 12, 2020**

(65) **Prior Publication Data**

US 2020/0396150 A1 Dec. 17, 2020

Related U.S. Application Data

(60) Provisional application No. 62/861,258, filed on Jun. 13, 2019.

(51) **Int. Cl.**

H04L 12/26 (2006.01)

H04L 43/0852 (2022.01)

H04L 12/46 (2006.01)

H04L 45/121 (2022.01)

H04L 45/302 (2022.01)

(Continued)

(52) **U.S. Cl.**

CPC **H04L 43/0852** (2013.01); **H04L 12/4633** (2013.01); **H04L 45/121** (2013.01); **H04L 45/302** (2013.01); **H04L 45/54** (2013.01); **H04L 47/2441** (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

(57)

ABSTRACT

Systems, methods, and apparatus, including computer-readable media, for enhanced network communication using multiple network connections. In some implementations, a networking apparatus concurrently maintains connectivity to a network through each of multiple network transports. The networking apparatus receives one or more packets to be transmitted over the network and classifies the one or more packets to determine a class of service. The networking apparatus selects one of the multiple network transports to transmit the one or more packets based on (i) the class of service for the one or more packets and (ii) measures of expected latency for transmission of the one or more packets over the respective multiple network transports. The networking apparatus transmits the one or more packets using the selected network transport.

19 Claims, 7 Drawing Sheets

